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PHOTO INTELLIGENCE MEMORANDUM

NORTH CHINA TARGET STUDY

GP/I-45

(Project 72.127)

November 1954

Declass Review by NIMA/DOD

CENTRAL INTELLIGENCE AGENCY
Office of Research and Reports

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NORTH CHINA TARGET STUDY

This report is in answer to a request from ORR/D/GG for photo intelligence studies on selected industrial, transportation, and utilities targets in Northern China. Aerial photos were procured, interpreted, and annotated. The accompanying graphics material was supplied to the requester with annotations in grease pencil. D/GG drafted the product in final form.

In addition to our original photo interpretation, existing P.I. reports, Target Information Sheets, mosaics, and other intelligence material was procured and supplied to the requester.

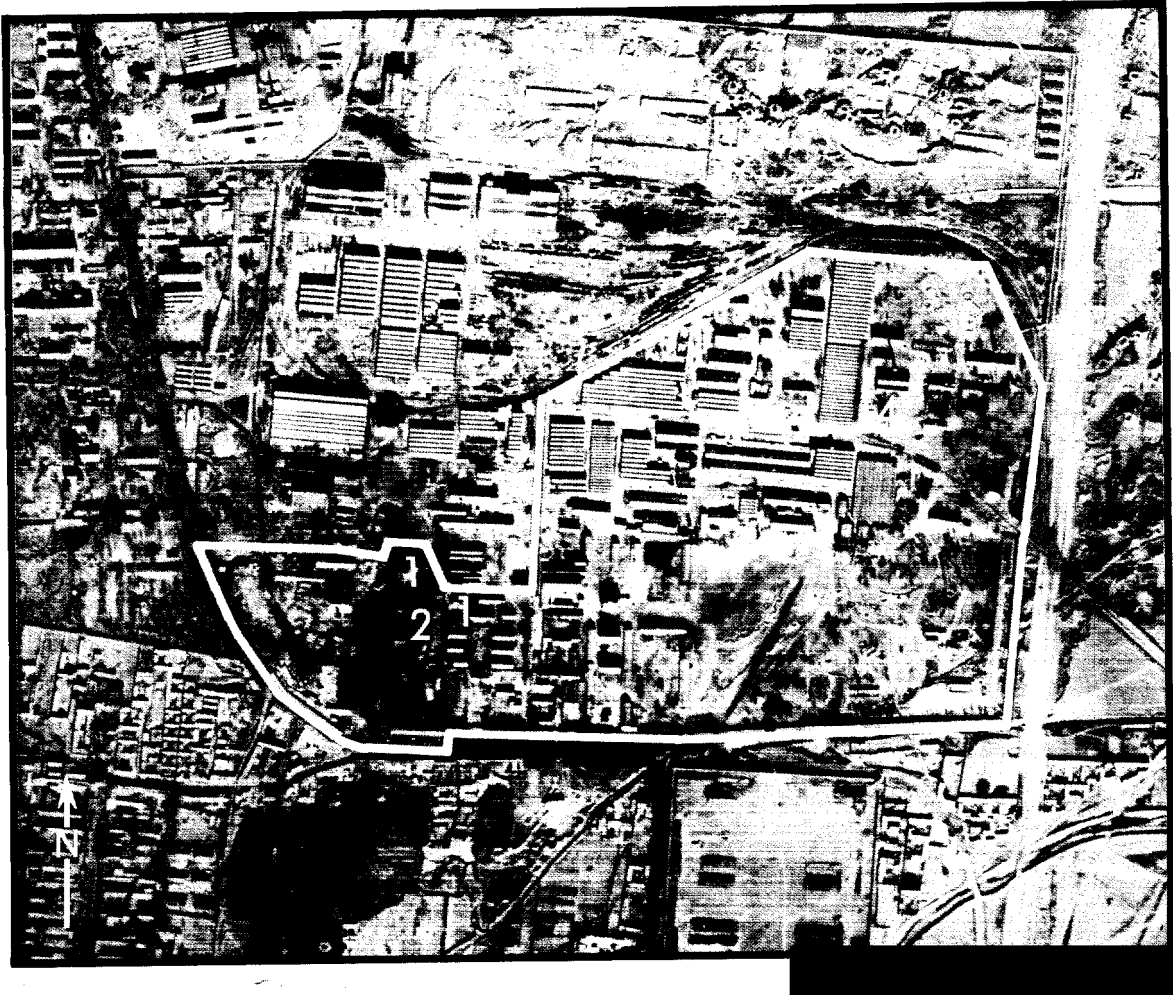
The results of this study formed a major portion of the Geographic Intelligence Report entitled North China Target Study, CIA/RR-GR-73, dated February 1955.

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Figure 1

T'AI-YÜAN ARSENAL

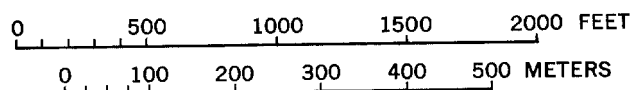
(37°54'N, 112°33'E)



- | | |
|-------------------|-----------------------------------|
| 1. Cooling towers | 3. Sub-assembly and assembly area |
| 2. Powerhouse | 4. Foundry |

25X1D

Scale 1:8900 (approx.)



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Figure 2

TIENTSIN MOTOR VEHICLE ASSEMBLY PLANT, WEI-TZE CANAL

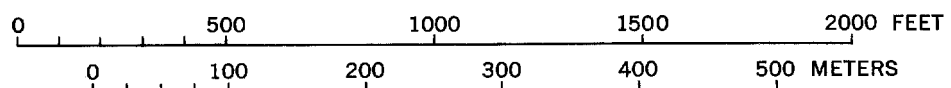
(39°07'N, 117°10'E)



- | | |
|-------------------|-----------------------|
| 1. Vehicle sheds | 4. Assembly and shops |
| 2. Test track | 5. Vehicles |
| 3. Administration | |

25X1D

Scale 1:5550 (approx.)



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Figure 3

TSINGTAO RAILROAD MANUFACTURING AND REPAIR SHOPS

(SSU-FANG-36°06'N, 120°20'E)



25X1D

1. Shop buildings
2. Assembly shop

3. Powerhouse
4. Car shops

5. Traverse table
6. Roundhouse

7. Locomotive shop
8. Administration

Scale 1:7150 (approx.)

0 500 1000 1500 2000 FEET

0 100 200 300 400 500 METERS

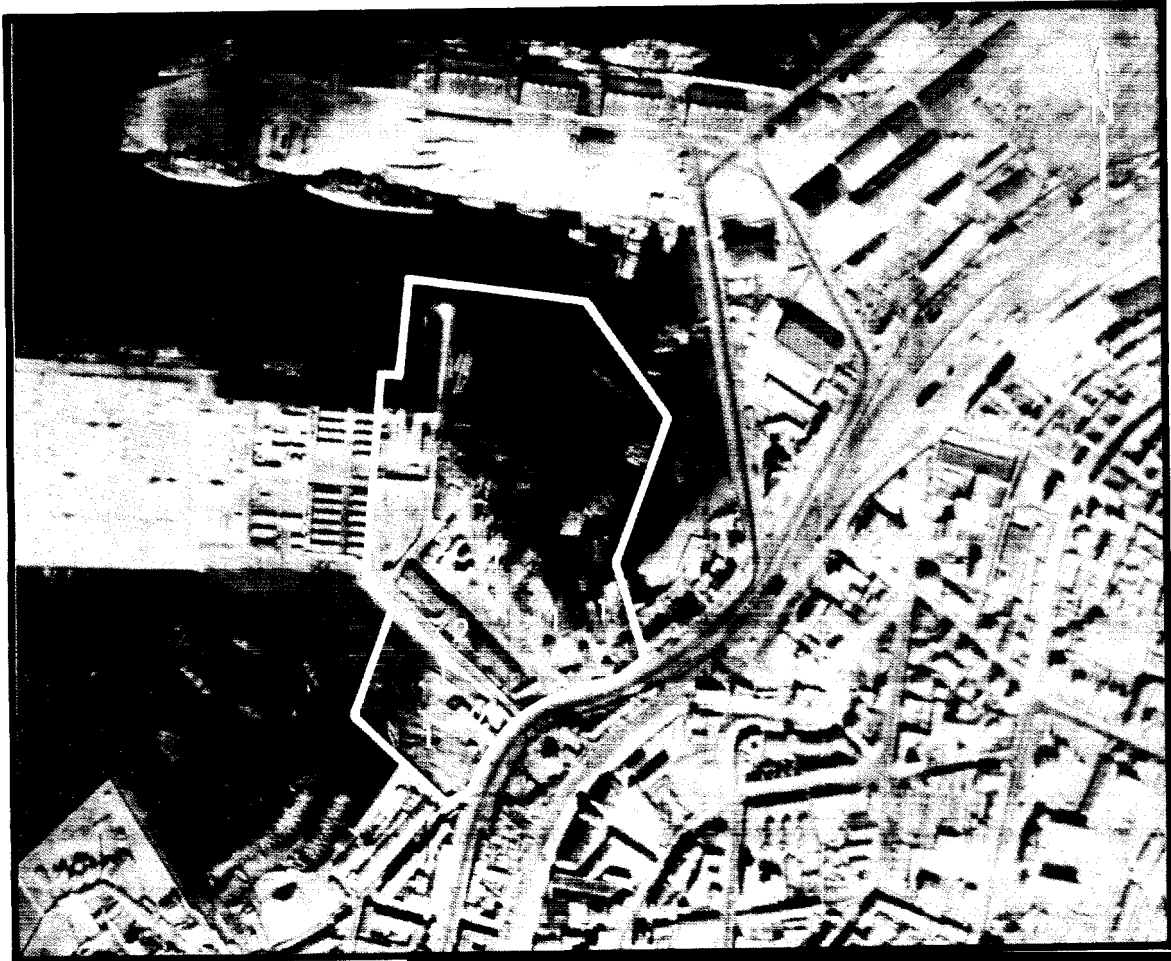
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Figure 4

TSINGTAO SHIPYARD

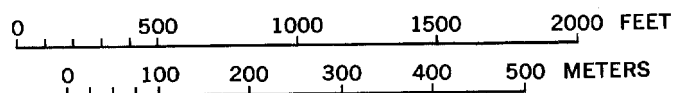
(36°05'N, 120°19'E)



25X1D

1. Marine railways
2. Repair shops

Scale 1:8300 (approx.)



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T'ANG-KU (YUNG-LI) CHEMICAL PLANT

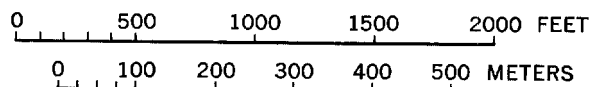
(39°01'N, 117°40'E)



25X1D

- | | | |
|-------------------------|---------------------------------|---------------------------|
| 1. Raw material storage | 4. Soda ash production | 7. Powerplant |
| 2. Carbonating towers | 5. Ammonium sulphate production | 8. Coal stores |
| 3. Water basins | 6. Caustic soda production | 9. Waste basin (probable) |

Scale 1:9750 (approx.)



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Figure 6

**TSINGTAO RUBBER PRODUCTS PLANT,
"BRIDGESTONE"**
(36°11'N, 120°22'E)



25X1D

Scale 1:3350 (approx.)

0 100 200 300 400 500 1000 FEET
0 50 100 150 200 250 METERS

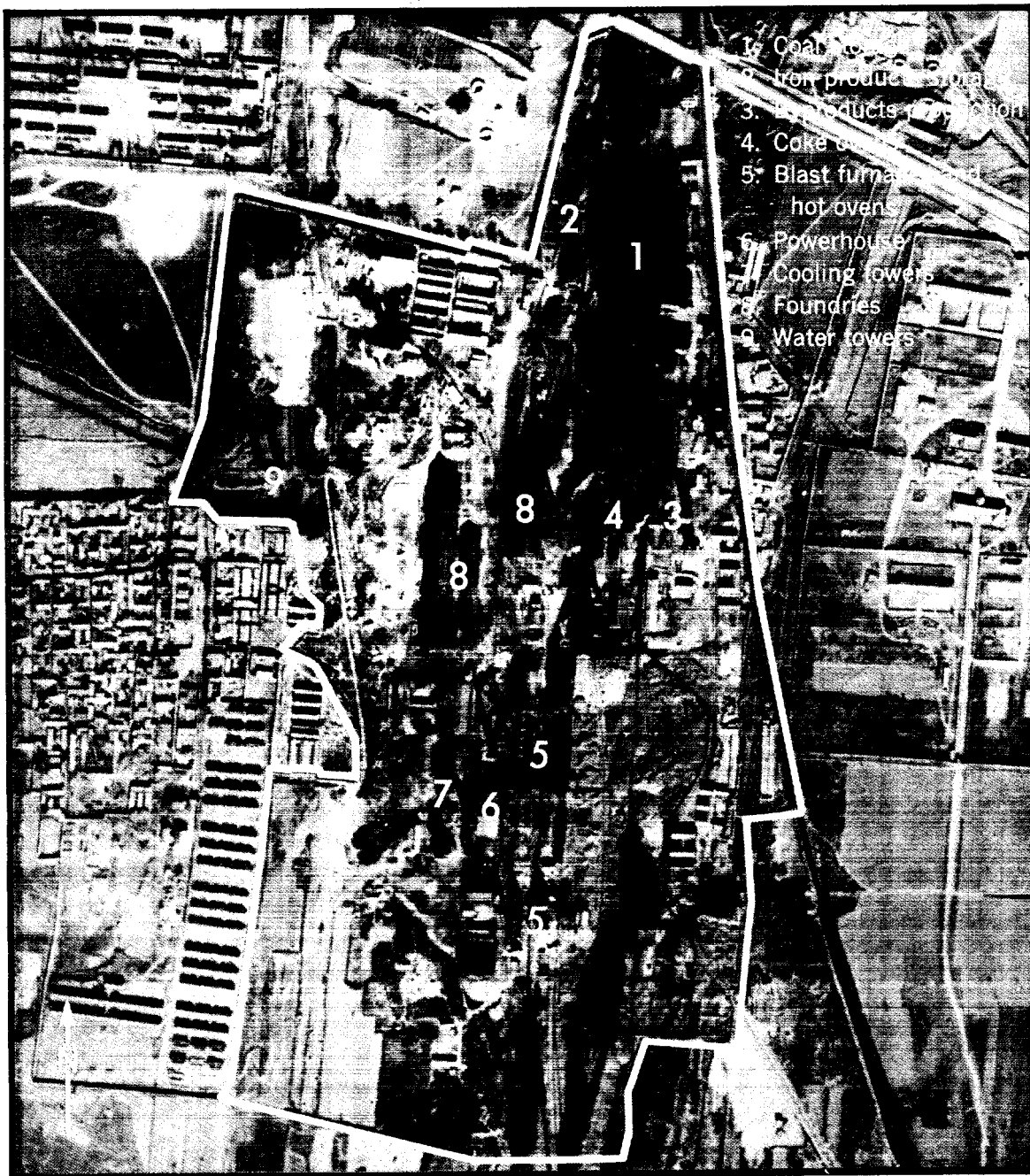
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Figure 7

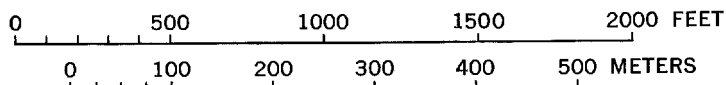
T'AI-YÜAN IRON WORKS

(37°52'N, 112°32'E)



Scale 1:7500 (approx.)

25X1D



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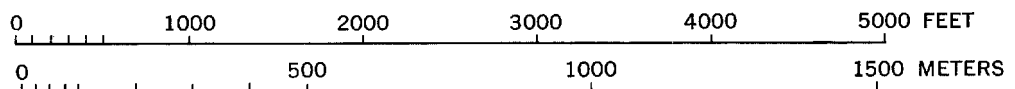
PEKING IRON WORKS (SHIH-CHING-SHAN - 39°55'N, 116°10'E)

Figure 8



25X1D

Scale 1:13,300 (approx.)

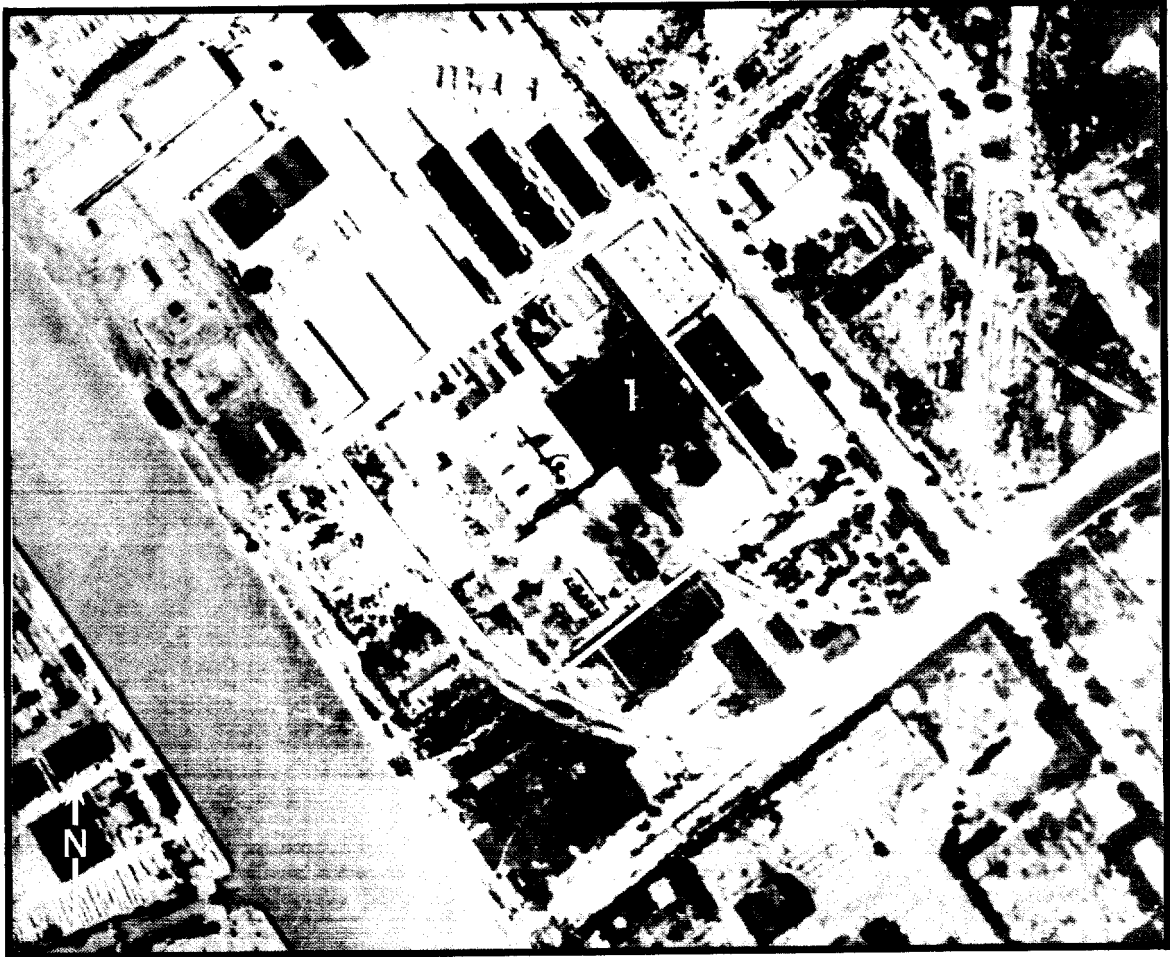


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Figure 9

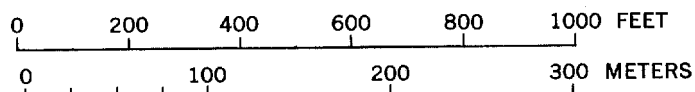
**TIENTSIN No.1 THERMAL POWER PLANT,
"JAPANESE"**
(39°07'N, 117°13'E)



25X1D

1. Coal storage
2. Conveyor
3. Powerhouse
4. Pump house
5. Transformer and switch yard

Scale 1:4150 (approx.)



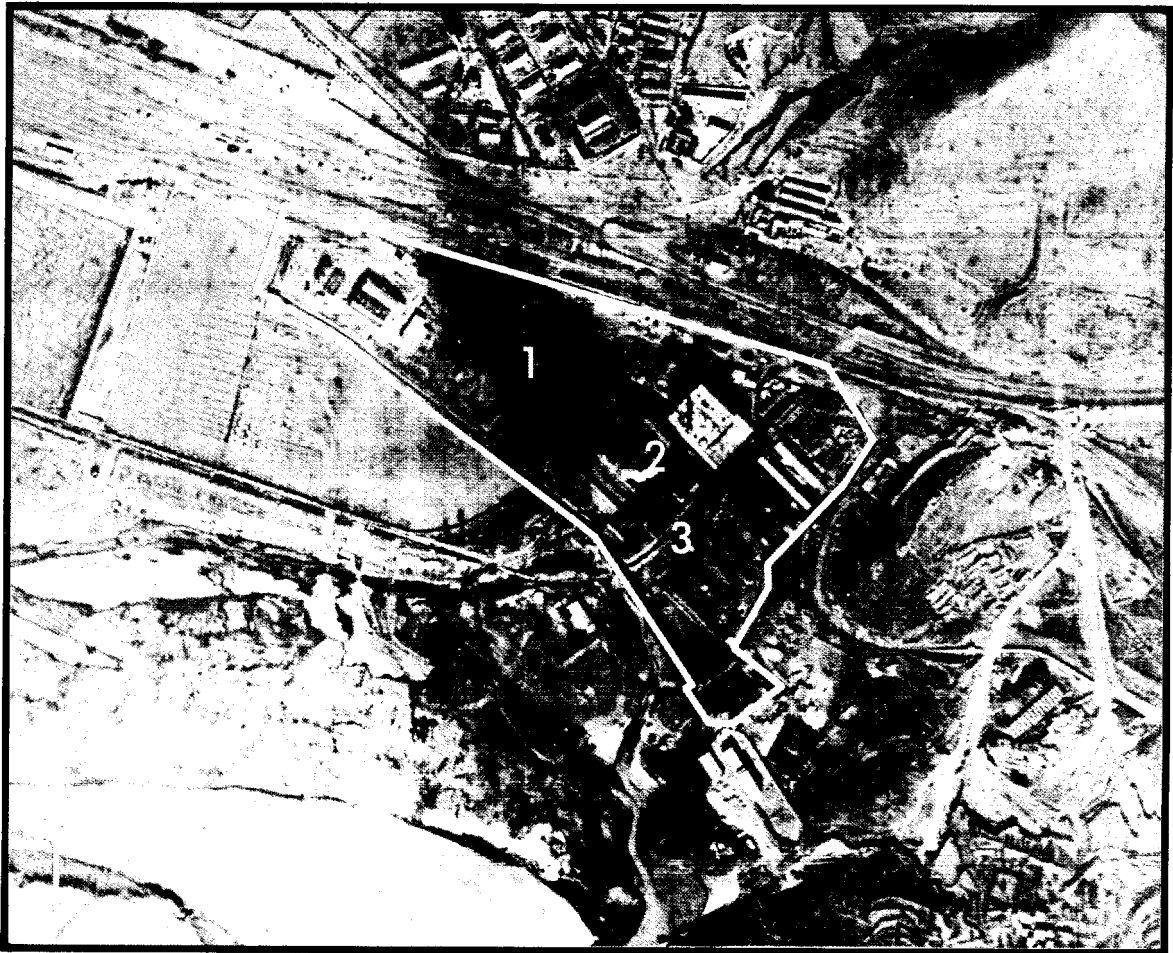
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Figure 10

PEKING THERMAL POWER PLANT

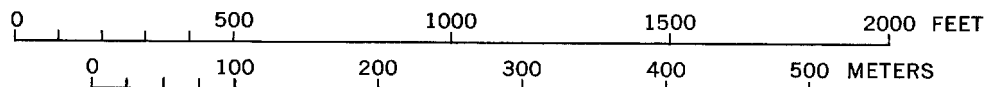
(SHIH-CHING-SHAN - 39°55'N, 116°08'E)



1. Coal storage
2. Powerhouse
3. Transformer and switch yard

25X1D

Scale 1:5300 (approx.)



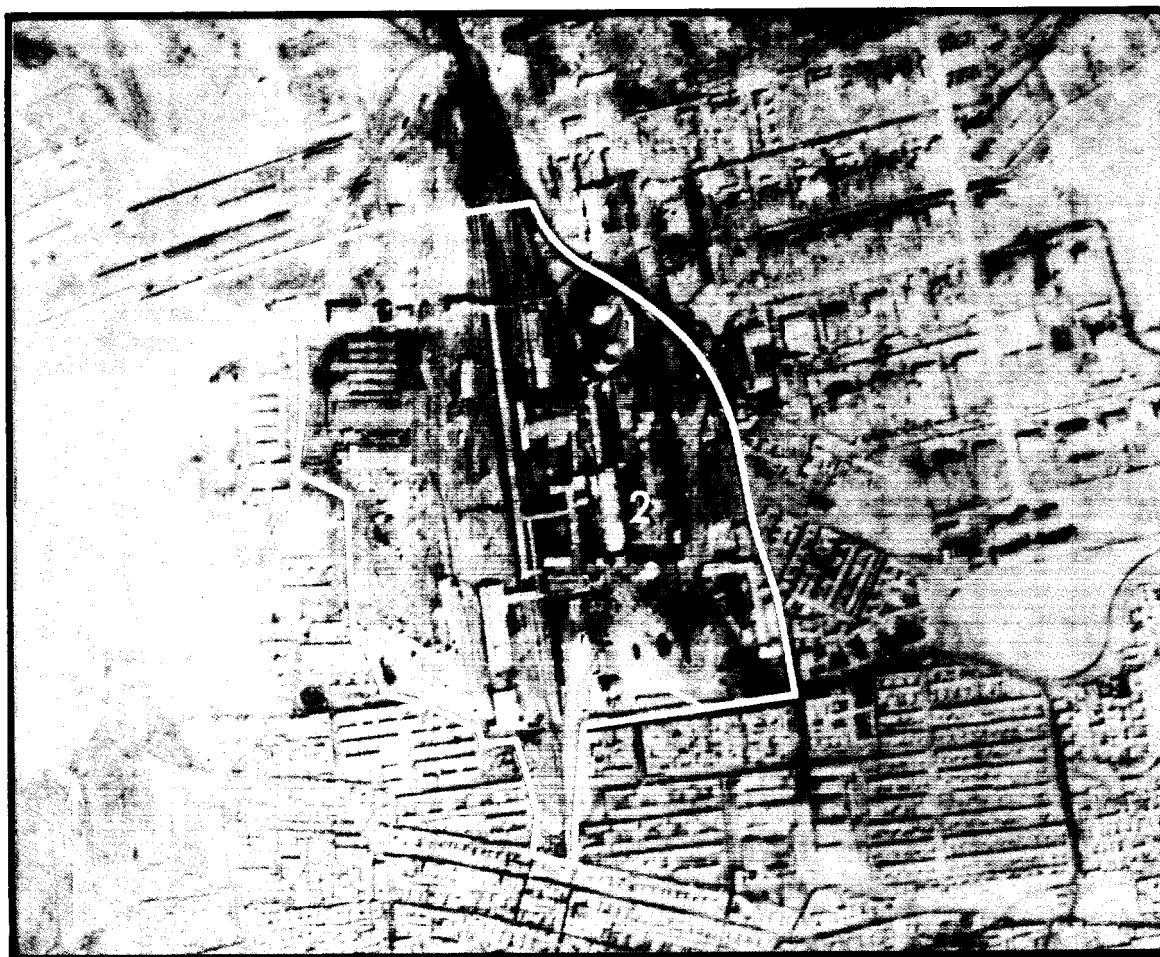
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Figure 11

T'ANG-SHAN THERMAL POWER PLANT

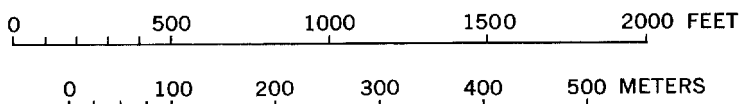
(LIN-HSI - 39° 42' N, 118° 27' E)



1. Cooling towers
2. Boiler house and control house

25X1D

Scale 1:7300 (approx.)



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Figure 12

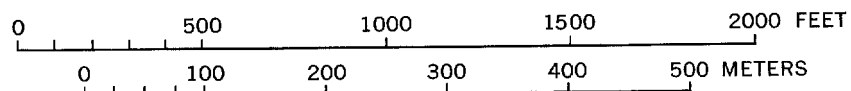
TSINGTAO THERMAL POWER PLANT

(SSU-FANG - 36°07'N, 120°20'E)



- 25X1D
1. Reservoir
 2. Coal storage
 3. Pump house
 4. Powerhouse
 5. Transformer and switch house

Scale 1:6300 (approx.)



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